

WHAT IS CLAIMED IS:

1. An image forming apparatus, comprising:
image forming means for forming an image on an
image bearing member;
5 first transfer means for transferring the image
on said image bearing member to an intermediate
transfer body on a first transfer position,
second transfer means which has a transfer
member attachable and detachable to said intermediate
10 transfer body and transfers the image on said
intermediate transfer body to a transferring material
on a second transfer position,
cleaning means which has a cleaning member
attachable and detachable to said intermediate
15 transfer body, brings said cleaning member into
contact with a surface of said intermediate transfer
body, and cleans the surface on a cleaning position,
and
control means for performing control so that a
20 subsequent image forming area does not overlap the
position which makes contact with said cleaning
member and is not cleaned by said cleaning means on
said intermediate transfer body.
- 25 2. An image forming apparatus, comprising:
image forming means for forming an image on an
image bearing member;

first transfer means for transferring the image on said image bearing member to an intermediate transfer body on a first transfer position;

second transfer means which has a transfer member and transfer output means and transfers the image on said intermediate transfer body to a transferring material on a second transfer position, said transfer means being attachable and detachable to said intermediate transfer body, said transfer output means applying a transfer output to said transfer member;

said second transfer means performing voltage-current detection on said transfer member when no image is formed and determining the transfer output of the transferring operation based on a detection result of the detecting operation;

cleaning means which has a cleaning member attachable and detachable to said intermediate transfer body, brings said cleaning member to a surface of said intermediate transfer body, and cleans the surface on a cleaning position, and

control means for performing control so that a detecting area of the detecting operation does not overlap the position which is in contact with or separated from said cleaning member and is not cleaned by said cleaning means on said intermediate transfer body.

3. An image forming apparatus, comprising:
image forming means for forming an image on an
image bearing member,

first transfer means for transferring the image
5 on said image bearing member to an intermediate
transfer body on a first transfer position,

second transfer means which has a transfer
member attachable and detachable to said intermediate
transfer body and transfers the image on said
10 intermediate transfer body to a transferring material
on a second transfer position,

cleaning means which has a cleaning member
attachable and detachable to said intermediate
transfer body, brings said cleaning member into
15 contact with a surface of said intermediate transfer
body, and cleans the surface on a cleaning position,
and

control means for performing control so that a
contact area in a subsequent contacting operation of
20 said transfer member and an image forming area do not
overlap the position which makes contact with said
cleaning member on said intermediate transfer body
and is not cleaned by said cleaning means.

25 4. The image forming apparatus according to
claim 3, further comprising a position reference
portion provided on said intermediate transfer body,

and

position detecting means for detecting said
position reference portion,

wherein the control means performs control
5 based on information from said position detecting
means.